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Sequence Listing was accepted.

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Reviewer: Durreshwar Anjum

Timestamp: [year=2008; month=11; day=4; hr=12; min=1; sec=58; ms=426; ]

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Application No: 10587529 Version No: 2.0

**Input Set:**

**Output Set:**

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**Finished:** 2008-10-08 15:32:57.817  
**Elapsed:** 0 hr(s) 0 min(s) 1 sec(s) 301 ms  
**Total Warnings:** 25  
**Total Errors:** 0  
**No. of SeqIDs Defined:** 27  
**Actual SeqID Count:** 27

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**Started:** 2008-10-08 15:32:56.516  
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<141> 2008-10-08

<150> 10/587,259

<151> 2006-07-26

<150> PCT/CA05/00099

<151> 2005-01-25

<160> 27

<170> PatentIn version 3.5

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His Asp Glu Phe Glu Arg His Ala Glu Gly Thr Phe Thr Ser Asp Val  
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Ser Ser Tyr Leu Glu Gly Gln Ala Ala Lys Glu Phe Ile Ala Trp Leu  
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Val Lys Gly Arg  
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Val Lys Gly Arg  
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Gln Ala Ala Lys Glu Phe Ile Ala Trp Leu Val Lys Gly Arg Gly  
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<210> 6

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<213> Heloderma horridum

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Glu Ala Val Arg Leu Phe Ile Glu Trp Leu Lys Asn Gly Gly Pro Ser  
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Ser Gly Ala Pro Pro Pro Ser

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Ser Gly Ala Pro Pro Pro Ser  
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Lys Gln Gly Pro Trp Leu Glu Glu Glu Ala Tyr Gly Trp Met  
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<223> wherein X at position 1 is pyroglutamate

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1 5 10 15

Lys Gln Gly Pro Trp Leu Glu Glu Glu Ala Tyr Gly Trp Leu  
20 25 30

<210> 13  
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Ala Phe Ser Glu Ala Ser Trp Lys Pro Arg Ser Gln Gln Pro Asp Ala  
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Pro Leu Gly Thr Gly Ala Asn Arg Asp Leu Glu Leu Pro Trp Leu Glu  
35 40 45

Gln Gln Gly Pro Ala Ser His His Arg Arg Gln Leu Gly Pro Gln Gly  
50 55 60

Pro Pro His Leu Val Ala Asp Pro Ser Lys Lys Gln Gly Pro Trp Leu

65

70

75

80

Glu Glu Glu Glu Ala Tyr Gly Trp Met Asp Phe Gly Arg Arg Ser  
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Ala Glu Asp Glu Asn  
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Asp Leu Glu Leu Pro Trp Leu Glu Gln Gln Gly Pro Ala Ser His His  
1 5 10 15

Arg Arg Gln Leu Gly Pro Gln Gly Pro Pro His Leu Val Ala Asp Pro  
20 25 30

Ser Lys Lys Gln Gly Pro Trp Leu Glu Glu Glu Ala Tyr Gly  
35 40 45

Trp Met Asp Phe  
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<210> 17

<211> 14

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<210> 18

<211> 6

<212> PRT

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<400> 18

Tyr Gly Trp Met Asp Phe

1 5

<210> 19

<211> 6

<212> PRT

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<400> 19

Tyr Gly Trp Leu Asp Phe

1 5

<210> 20

<211> 31

<212> PRT

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<222> (31) .. (31)

<223> wherein Xaa is either Pro or Tyr

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1 5 10 15

Glu Ala Val Arg Leu Phe Ile Glu Trp Leu Lys Asn Gly Gly Xaa

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<222> (3)...(3)  
<223> wherein Xaa is either Gly or Phe

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His Xaa Xaa Gly Thr Phe Ile Thr Ser Asp Leu Ser Lys Gln Met Glu  
1 5 10 15

Glu Glu Ala Val Arg Leu Phe Ile Glu Trp Leu Lys Asn Gly Gly Pro  
20 25 30

Ser Ser Gly Ala Pro Pro Pro Ser  
35 40

<210> 22  
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<400> 22

His Gly Glu Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Met Glu Glu  
1 5 10 15

Glu Ala Val Arg Leu Phe Ile Glu Trp Leu Lys Asn Gly Gly Pro Ser  
20 25 30

Ser Gly Ala Pro Pro Ser Lys Lys Lys Lys Lys Ser Ser Gly Ala  
35 40 45

Pro Pro Pro Ser  
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<210> 23  
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<400> 23

Tyr Gly Trp Met Asp Phe

1 5

<210> 24

<211> 6

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Tyr Gly Trp Leu Asp Phe

1 5

<210> 25

<211> 10

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Gly Ala Gly Ala Gly Ala Gly Ala Gly Ala

1 5 10

<210> 26

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Trp Met Asp Phe

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<210> 27

<211> 4

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<220>  
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